CURTIS WONG

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EDUCATION

University of California, Berkeley | Berkeley, CA   August 2020 - December 2022
Bachelor of Arts, Data Science

EXPERIENCE

Fullstack Engineer, [Verdant Robotics] | Hayward, CA   May 2023 - September 2023
- Implemented a real-time dynamic endpoint enabling the delivery of metrics back to our robots, substantially improving insights and analysis capabilities for our robotic fleet.
- Developed a **React** geographic visualization interface that mapped and visualized 20,000+ location points that displays logistical stand count summaries and high-resolution images.
- Enhanced vegetation data collection on the field with a user-friendly web application interface, enhancing data accuracy and customer satisfaction for 12 farming clients.
- Designed and built frontend software to enhance the efficiency of our web applications, speeding up our machine learning pipelines, fleet operations and engineering analysis.

Software Engineer, [Rimble] | Berkeley, CA   May 2022 - August 2022
- Redesigned and developed a **React** web app to increase customer engagement, improve user experience, and speed up load time by 50%.
- Developed a **React** dashboard to visualize game and player metrics 20% faster than before.
- Developed REST APIs using **DynamoDB** and **S3** to visualize machine learning predictions for game analytics.
- Designed a data aggregation system that improved data ingestion speed by 35%.

Fullstack Developer, Web Development at Berkeley | Berkeley, CA   January 2022 - May 2022
- Designed and developed **React** components for a full-stack website, resulting in a 25% increase in user engagement.
- Devised and implemented documentation, cloud security, and policy guidelines to automate large scale data processing.
- Developed a full-stack web development curriculum for a class of over 200 students per semester.

PERSONAL PROJECTS

[PLEY]
- Developed a restaurant recommendation app that gives curated recommendations based on user's taste profiles.

SKILLS

- **Languages:** Python, TypeScript, JavaScript, HTML, CSS, SQL, Java
- **Technologies**: React, MongoDB, PostgreSQL, Flask, Node.js, Docker, Git, REST API, Sass, Lambda, Mongoose, Webpack, Bash, Jenkins, Vercel, S3, Amazon Web Services (AWS)
- **Frameworks:** Next.js, Tailwind CSS, Bootstrap, Express.js, Jest